

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Stephen A. Stockman; Daniel A. Steigerwald; Changhua Chen
Assignee: Lumileds Lighting U.S. LLC
Title: Minority Carrier Semiconductor Devices With Improved Reliability
Serial No.: 09/169,218 Filing Date: October 9, 1998
Examiner: W. Louie Group Art Unit: 2814
Docket No.: 10950486-8

San Jose, California
January 21, 2004

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Commissioner for Patents
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Alexandria, VA 22313-1450

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UNDER 37 CFR § 1.97(b)**

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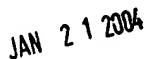
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Respectfully submitted,

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Application Number	09/169,218
Filing Date	October 9, 1998
First Named Inventor	Stephen A. Stockman
Art Unit	2814
Examiner Name	W. Louie
Attorney Docket Number	10950486-8

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of

Attorney Docket Number	10950486-8
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U. S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ *Number ⁴ Kind Code ⁵ (if known)				
		07094780 A	04-07-1995	Toshiba Corp.		
		GB 2 189 166 A	10-21-1987	Mitsubishi		
		DE 36 14079 A1	10-29-1987	Mitsubishi		

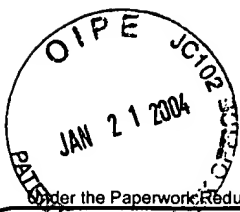
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Completion if Known

Application Number

Filing Date

First Named Inventor

Art Unit

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NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		S.M. Sze, "Physics of Semiconductor Devices", Appl. Phys. Lett., Vol. 61, No. 11, 14 September 1992, 3 pages.	
		Z. Yu et al., "High-resolution study of stimulated emission from blue-green laser diodes", Appl. Phys., Lett., 61, Vol. 11, 14 September 1992, pp. 1266-1268.	
		"Einführung in die Festkörperphysik", Scientific American 209, 71 (August 1963), 4 pages.	
		Neil W. Ashcroft et al., "Solid State Physics", Saunders College, 4 pages.	

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